

FIG.1

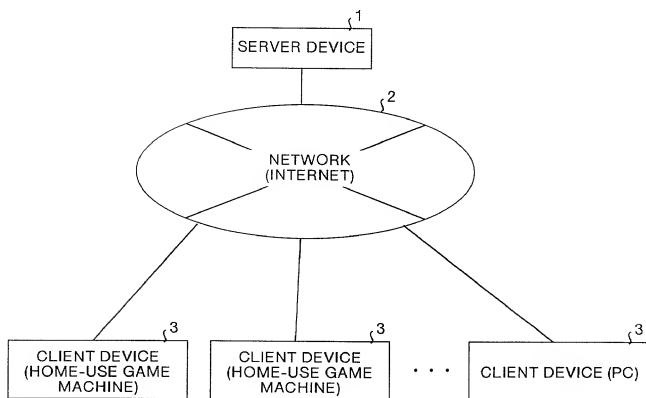


FIG.2

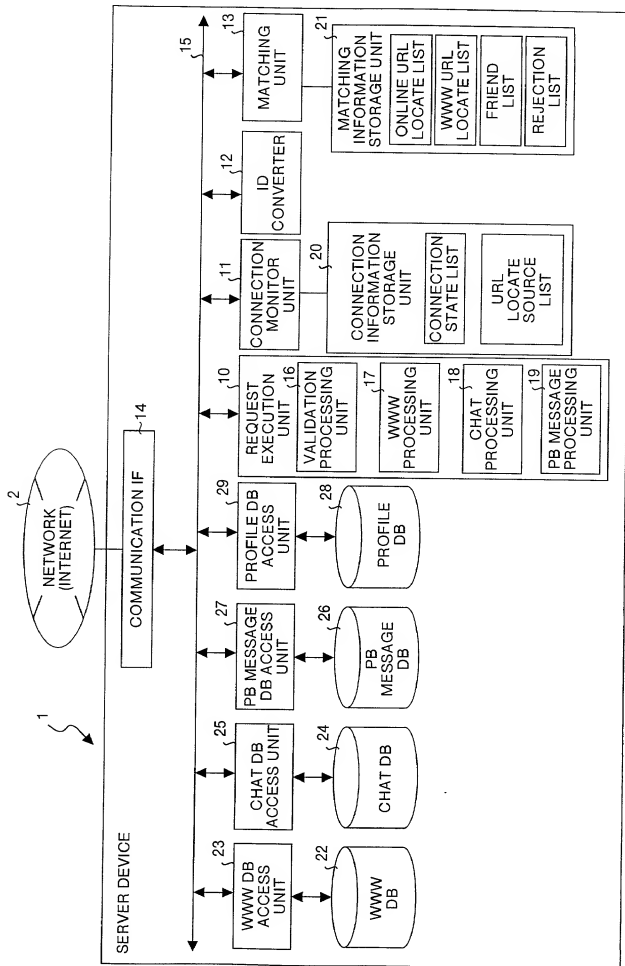


FIG.3

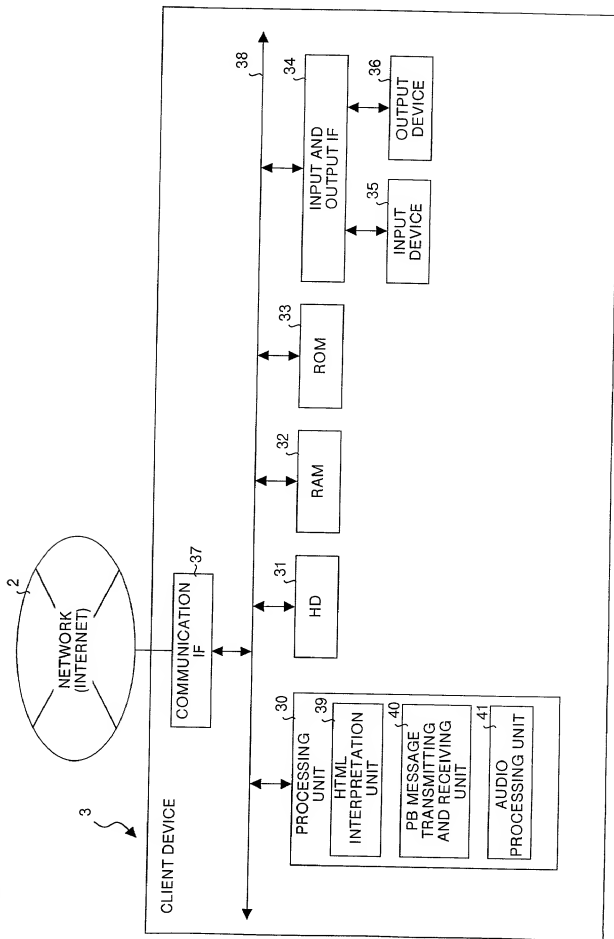


FIG. 4

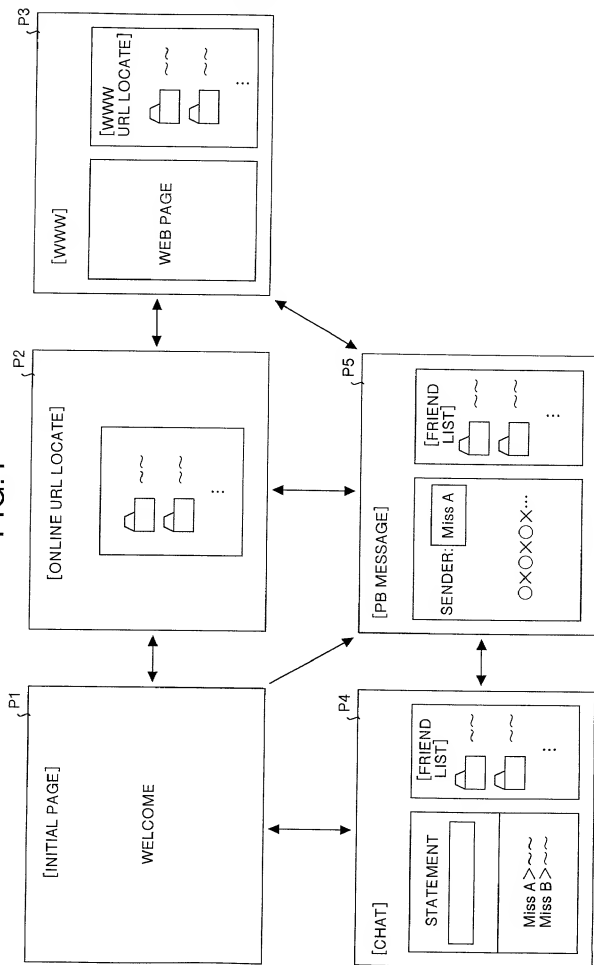


FIG.5

[USER VALIDATION: CommID ISSUE]

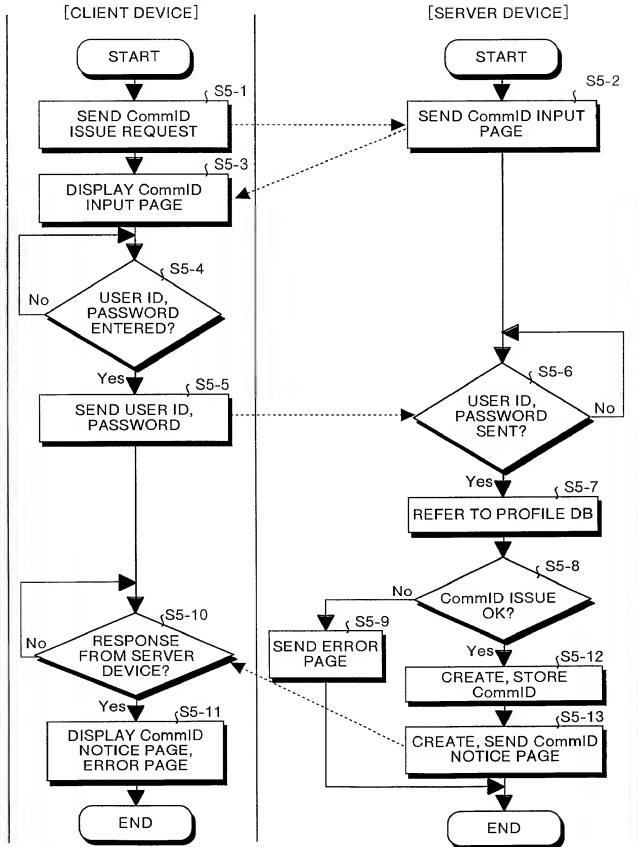


FIG.6

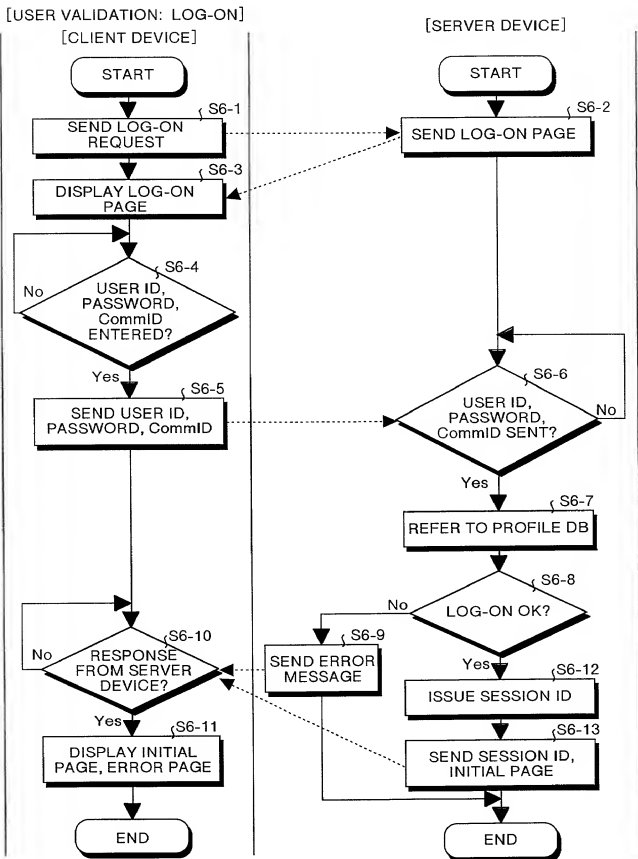


FIG.7

[ONLINE URL LOCATE LIST PAGE]

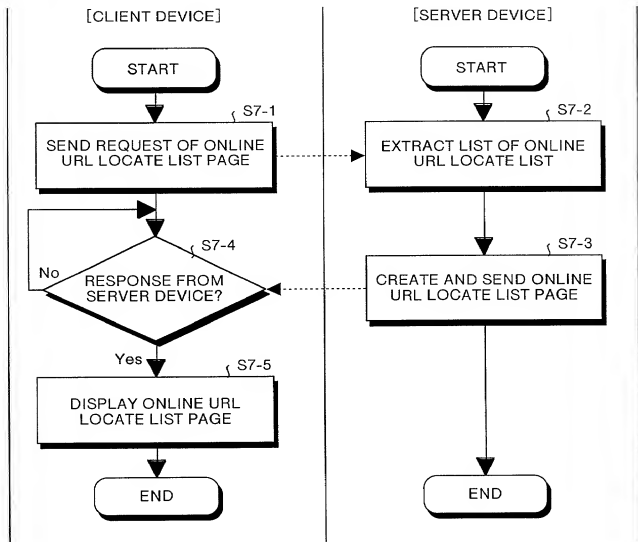


FIG.8

[ONLINE URL LOCATE LIST]

[SERVER DEVICE]

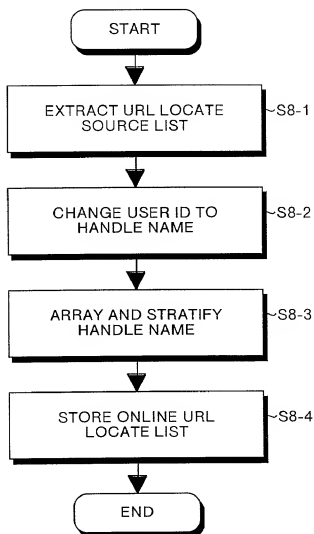


FIG.9

[WWW URL LOCATE LIST]

[CLIENT DEVICE]

[SERVER DEVICE]

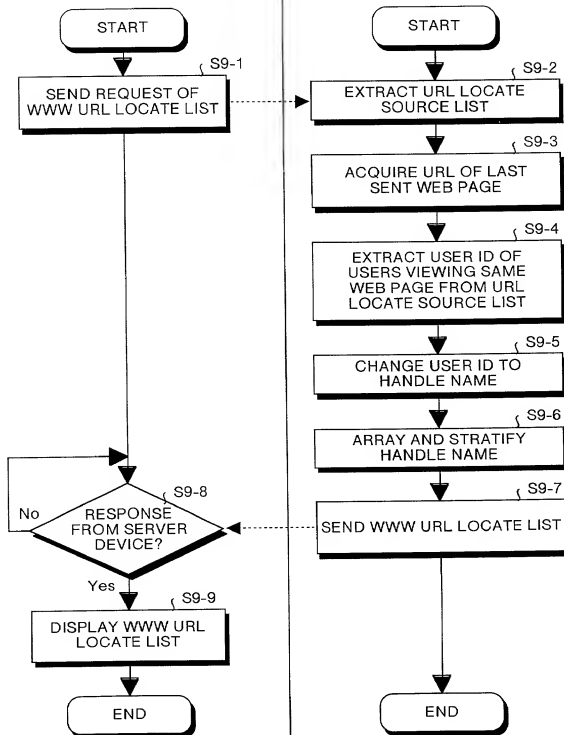
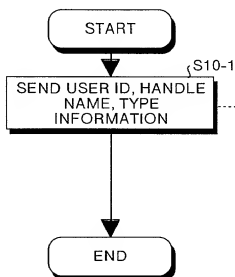


FIG.10

[FRIEND LIST, REJECTION LIST]

[CLIENT DEVICE]



[SERVER DEVICE]

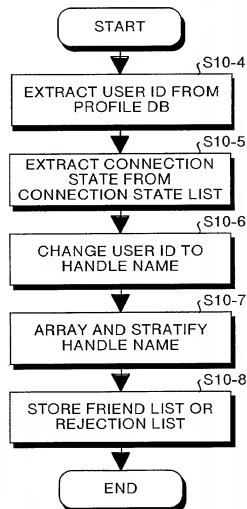
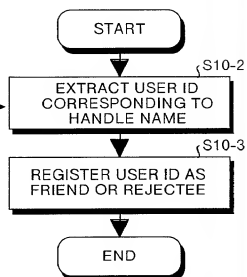


FIG.11

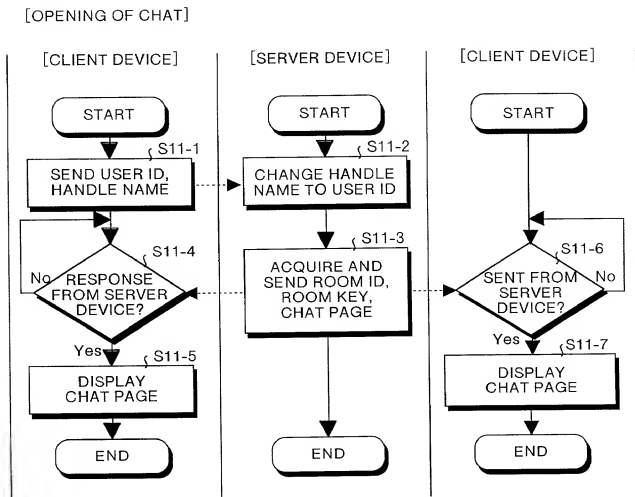
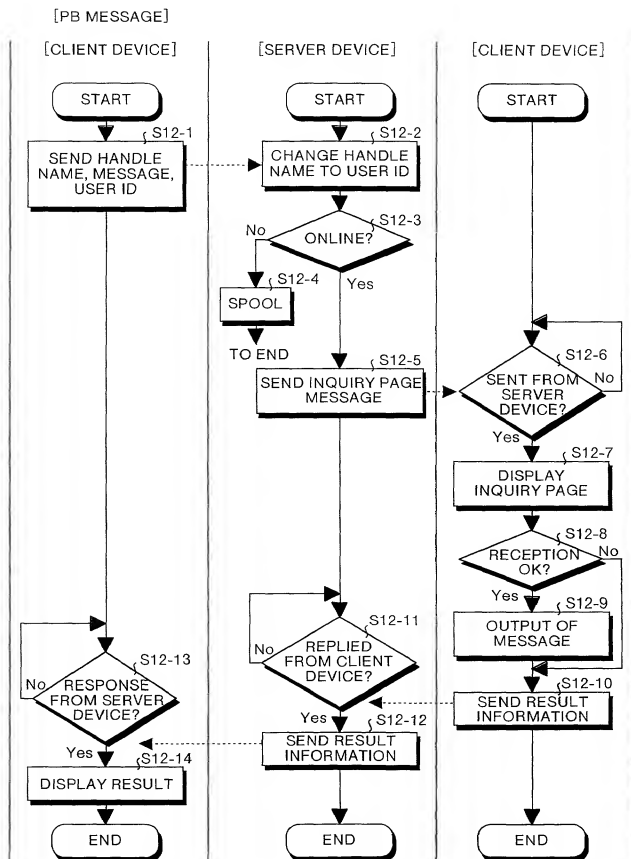


FIG.12



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FIG.13

[CONNECTION STATE LIST]

USER ID	CONNECTION STATE
UID○○○a	ONLINE
UID○○○b	ONLINE
UID○○○c	OFFLINE

FIG.14

[URL LOCATE SOURCE LIST]

USER ID	URL
UID○○○a	http://www.○×××~
UID○○○b	http://www.△△××~
UID○○○c	http://www.○△△×~

FIG.15

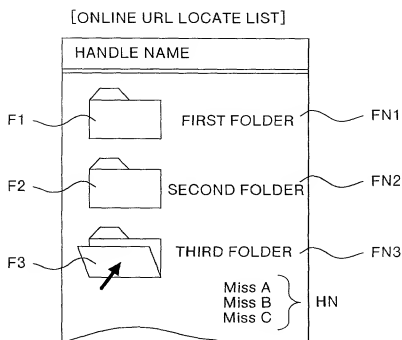


FIG.16

[WWW URL LOCATE LIST]

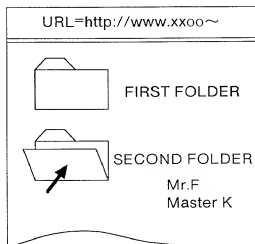
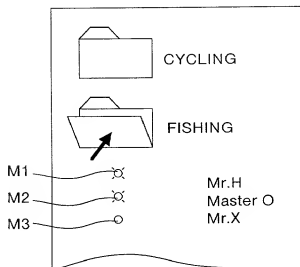


FIG.17

[FRIEND LIST]



[WWW URL LOCATE LIST]

FIG.18A

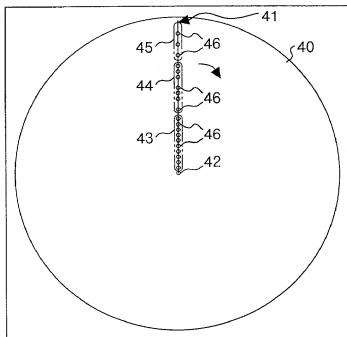


FIG.18B

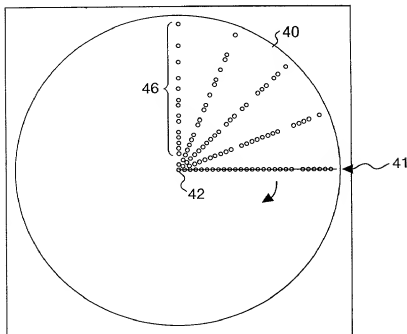


FIG.20A

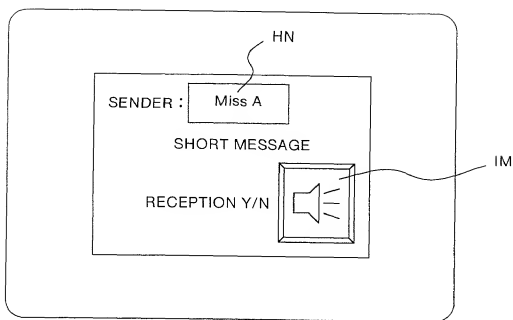


FIG.20B

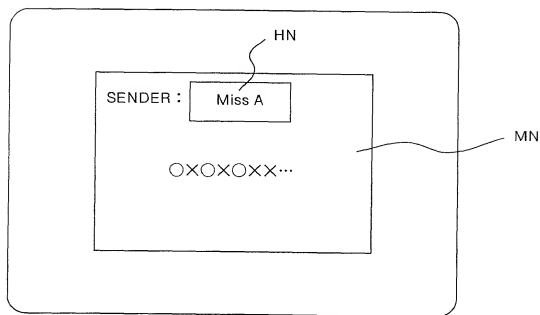


FIG.19

